

GROUP TOO TO AMENDED DECLARATION AND POWER OF ATTORNEY FOR U.S. NATIONAL PHASE PATENT APPLICATION CLAIMING PRIORITY TO PCT APPLICATION (37 CFR 1.63)

Our residence, post office address and citizenship are as stated below next.

We believe that we are original, first and joint inventors of the subject matter which is and for which a patent is sought on the invention entitled: claimed and for which a patent is sought on the invention entitled:

MACROSCOPICALLY MANIPULATE NANOSCALE DEVICES MADE FROM

the specification of which:

- is attached hereto; or
- was filed on November 30, 2001 as a Continuation Application Number 10/000,746 \mathbf{X} (Attorney Docket No. 11321-P011WUC1) of U.S. National Phase of 09/242,040 and PCT Application Number PCT/US97/13896 which published as WO 98/05920 on February 12, 1998, corresponding to United States Provisional Patent Application No. 60/023,732, filed August 8, 1996.

The following divisionals of United States Patent Application Serial No. 10/000,746 have been filed (the "Divisional Patent Applications"):

Appl Serial No.	Att. Docket No.	Continuity Type:	Filing Date:
10/028,231	11321-P011C1D1	Divisional	December 21, 2001
10/027,671	11321-P011C1D2	Divisional	December 21, 2001
10/038,204	11321-P011C1D3	Divisional	December 21, 2001
10/027,753	11321-P011C1D4	Divisional	December 21, 2001
10/036,684	11321-P011C1D5	Divisional	December 21, 2001
10/027,670	11321-P011C1D6	Divisional	December 21, 2001
10/027,750	11321-P011C1D7	Divisional	December 21, 2001
10/027,726	11321-P011C1D8	Divisional	December 21, 2001
10/027,628	11321-P011C1D9	Divisional	December 21, 2001
10/027,668	11321-P011CD10	Divisional	December 21, 2001
10/027,568	11321-P011CD11	Divisional	December 21, 2001

We further believe that we are original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the inventions of these Divisional Patent Applications.

Collectively, United States Patent Application Serial No. 10/000,746 and the Divisional Patent Applications are the "Applications".

We hereby state that we have reviewed and understand the contents of the above identified specifications for each of the Applications, including the claims. We hereby authorize our attorney, or his representative, to insert the Application Number, filing and amendment dates.

We acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR 1.56.

We hereby claim foreign priority benefits for each of the Applications under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Co	py Attached?
7.400				Yes	No
[ORIGINAL BASE/PRIORITY APPLICATION]					×
	-				

We hereby claim the benefit for each of the Applications under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

<u>Application No.</u> 60/023,732

Official Filing Date
August 8, 1996

We hereby claim the benefit for each of the Applications under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, We acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number PCT/US97/13896	Parent Filing Date (MM/DD/YYYY) 8 August 1997	Parent Patent Number (if applicable) WO 98/05920

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3

POWER OF ATTORNEY: As named inventors, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Ross Spencer Garsson, Reg. No. 38,150 Hugh R. Kress, Reg. No. 36,574 Robert C. Shaddox, Reg. No. 34,011 Henry L. Ehrlich, Reg. No. 39,663 Timothy M. Donoughue, Reg. No. 46,668 Reece A. Scott, Reg. No. 41,297 Edward T. Mickelson, Reg. No. 50,413

of the law firm of WINSTEAD SECHREST & MINICK P.C. Please direct all correspondence to:

Ross Spencer Garsson, Esq.
WINSTEAD SECHREST & MINICK P.C.
100 Congress Avenue, Suite 800
Austin, Texas 78701 USA

and direct all telephone calls to Ross Spencer Garsson, Esq. at 512-370-2870 and all facsimile communications to 512-370-2850.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIR	RST INVENTOR:	COLBERT, Daniel	Γ.
INVENTOR'S SIGNA	ATURE:		DATE:
RESIDENCE:	1911 Milford St., Ho	ouston, TX 77098 USA	4

CITIZENSHIP: United States of America

Attorney Docket No. 11321-P011 Series FULL NAME OF SECOND INVENTOR: DAI, Hongjie DATE: 2/27/03 INVENTOR'S SIGNATURE: RESIDENCE: 365 Pescadero Terrace, Sunnyvale, CA 94086 USA CITIZENSHIP: United States of America POST OFFICE ADDRESS: (Same as Residence) FULL NAME OF THIRD INVENTOR: HAFNER, Jason H. INVENTOR'S SIGNATURE: RESIDENCE: 373 Highland Ave. #203, Somerville, Massachusetts 02144 USA CITIZENSHIP: United States of America POST OFFICE ADDRESS: (Same as Residence) FULL NAME OF FOURTH INVENTOR: RINZLER, Andrew G. INVENTOR'S SIGNATURE: 1713 SW 186th St., Newberry, Florida 32669 USA RESIDENCE: United States of America CITIZENSHIP: POST OFFICE ADDRESS: (Same as Residence)

FULL NAME OF FIFTH INVENTOR: SMALLEY, Richard E.

INVENTOR'S SIGNATURE:_____ DATE:____

RESIDENCE:

1816 Bolsover St., Houston, TX 77081 USA

CITIZENSHIP:

United States of America

Attorney Docke 11321-P011 Ser					
FULL NAME O	FULL NAME OF SIXTH INVENTOR: JIE LIU				
INVENTOR'S S	IGNATURE:	DATE:			
RESIDENCE:	5825 Gulfton, Apartment 3214 Houston, Texas 77081				
CITIZENSHIP:	U,S.A.				
POST OFFICE	ADDRESS: (Same as Residence)				
FULL NAME O	OF SEVENTH INVENTOR: KENNETH A. SMI	тн			
INVENTOR'S	SIGNATURE:	DATE:			
RESIDENCE:	333 Dominion, Apartment 1334 Katy, Texas 77450				
CITIZENSHIP	: U.S.A.				
POST OFFICE	ADDRESS: (Same as Residence)	1			
FULL NAME	OF EIGHTH INVENTOR: TING GUO				
INVENTOR'S	SIGNATURE:	DATE:			
RESIDENCE:	2612 Calder Court Davis, California 95616				
CITIZENSHIP	: CHINA				
POST OFFICE	ADDRESS: (Same as Residence)				
FULL NAME	OF NINTH INVENTOR: PAVEL NIKOLAEV				
INVENTOR'S	SIGNATURE:	DATE:			
RESIDENCE:	2232 ½ TROON Houston, Texas 77019				
CITIZENSHII	P: RUSSIA				
POST OFFIC	E ADDRESS: (Same as Residence)				

FULL NAME OF TENTH INVENTOR: ANDREAS THESS	
INVENTOR'S SIGNATURE:	DATE:

RESIDENCE: Max-Planck-Institut Biochemie; Abteilung Molekulace,

Strukturbiologie am Klopferspitz 189, D-82152 Martinsried, Germany

CITIZENSHIP: GERMANY

POST OFFICE ADDRESS: (Same as Residence)

AUSTIN_1\208783\1 11321-P011WUC1 02/19/2003



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X was filed on November 30, 2001 as a Continuation Application Number 10/000,746 (Attorney Docket No. 11321-P011WUC1) of U.S. National Phase of 09/242,040 and PCT Application Number PCT/US97/13896 which published as WO 98/05920 on February 12, 1998, corresponding to United States Provisional Patent Application No. 60/023,732, filed August 8, 1996.

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Application No. Official Filing Date 60/023,732 August 8, 1996

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PCT/US97/13896	8 August 1997	WO 98/05920

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FULL NAME OF FIRST INVENTOR:

COLBERT, Daniel T.

INVENTOR'S SIGNATURE:

DATE: 1/25/03

RESIDENCE:

1911 Milford St., Houston, TX 77098 USA

CITIZENSHIP:

United States of America

	COND INVENTOR: DAI, Hongjie ATURE: DATE: 365 Pescadero Terrace, Sunnyvale, CA 94086 USA
	265 Pagga dana Tannaga Summunala CA 04096 USA
CITIZENSHIP:	United States of America
POST OFFICE ADD	RESS: (Same as Residence)
	IIRD INVENTOR: HAFNER, Jason H. ATURE: DATE:
	373 Highland Ave. #203, Somerville, Massachusetts 02144 USA
CITIZENSHIP:	United States of America
POST OFFICE ADD	RESS: (Same as Residence)
FULL NAME OF FO	URTH INVENTOR: RINZLER, Andrew G.
INVENTOR'S SIGNA	ATURE: DATE:
RESIDENCE:	1713 SW 186 th St., Newberry, Florida 32669 USA
CITIZENSHIP:	United States of America
POST OFFICE ADD	RESS: (Same as Residence)
FULL NAME OF FI	FTH INVENTOR: SMALLEY, Richard E.
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RESIDENCE:	1816 Bolsover St., Houston, TX 77081 USA
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POST OFFICE	ADDRESS: (Same as Residence)				
	OF SEVENTH INVENTOR: KENNETH A. SMI				
INVENTOR'S	SIGNATURE: 16mm A. South	DATE: 2-25-07			
RESIDENCE:	333 Dominion, Apartment 1334 Katy, Texas 77450	. •			
CITIZENSHIP:	U.S.A.				
POST OFFICE	ADDRESS: (Same as Residence)				
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AUSTIN_1\208783\1 11321-P011WUC1 02/19/2003

ocket No. Series AMENDED DECLARATION AND POWER OF ATTORNEY FOR U.S. NATIONAL PHASE PATENT APPLICATION U.S. PRIORITY TO PCT APPLICATION ORDER 1 63)

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FULL NAME OF F	TIRST INVENTOR:	COLBERT, Daniel T.
INVENTOR'S SIG	NATURE:	DATE:
RESIDENCE:	1911 Milford St., H	Iouston, TX 77098 USA
CITIZENSHIP:	United States of A	merica

FULL NAME OF S	ECOND INVENTOR	DAI, Hongjie	
INVENTOR'S SIGN	NATURE:		DATE:
RESIDENCE:	365 Pescadero Ter	race, Sunnyvale, CA 9	4086 USA
CITIZENSHIP:	United States of Ar	merica	
POST OFFICE ADI	DRESS: (Same as Re	sidence)	
		HAFNER, Jason H.	
INVENTOR'S SIGN	NATURE: (pr/		DATE: 03/06/03
RESIDENCE:	373 Highland Ave.	#203, Somerville, Mas	rachusetts 02144 USA 77025, USA
CITIZENSHIP:	United States of A	merica (FX25)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
POST OFFICE AD	DRESS: (Same as Re	sidence)	
FULL NAME OF F	OURTH INVENTOR	: RINZLER, Andrew	, G.
INVENTOR'S SIG	NATURE:		DATE:
RESIDENCE:	1713 SW 186 th St.,	Newberry, Florida 320	669 USA
CITIZENSHIP:	United States of A	merica	
POST OFFICE AD	DRESS: (Same as Re	sidence)	
FULL NAME OF F	IFTH INVENTOR:	SMALLEY, Richar	d E.
INVENTOR'S SIGI	NATURE:		DATE:
RESIDENCE:	1816 Bolsover St.,	Houston, TX 77081 US	SA
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Attorney Docko 11321-P011 Ser				
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POST OFFICE	ADDRESS: (Same as Residence)			
FULL NAME (OF SEVENTH INVENTOR: KENNETH A. SM I	тн		
INVENTOR'S	SIGNATURE:	DATE:		
RESIDENCE:	333 Dominion, Apartment 1334 Katy, Texas 77450			
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10/027,670	11321-P011C1D6	Divisional	December 21, 2001
10/027,750	11321-P011C1D7	Divisional	December 21, 2001.
10/027,726	11321-P011C1D8	Divisional	December 21, 2001
10/027,628	11321-P011C1D9	Divisional	December 21, 2001
10/027,668	11321-P011CD10	Divisional	December 21, 2001
10/027,568	11321-P011CD11	Divisional	December 21, 2001

We further believe that we are original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the inventions of these Divisional Patent Applications.

Collectively, United States Patent Application Serial No. 10/000,746 and the Divisional Patent Applications are the "Applications".

We hereby state that we have reviewed and understand the contents of the above identified specifications for each of the Applications, including the claims. We hereby authorize our attorney, or his representative, to insert the Application Number, filing and amendment dates.

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We hereby claim foreign priority benefits for each of the Applications under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Cop	by Attached?
[ORIGINAL BASE/PRIORITY APPLICATION]					Ø

We hereby claim the benefit for each of the Applications under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

<u>Application No.</u> 60/023,732

Official Filing Date
August 8, 1996

We hereby claim the benefit for each of the Applications under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, We acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
PCT/US97/13896	8 August 1997	WO 98/05920

For each of the Divisional Patent Applications, we further claim the benefit under 35 U.S.C. 120 of United States Patent Application Serial No. 10/000,746, and, insofar as the subject matter of each of the claims of any of the Divisional Patent Application is not disclosed in the this prior United States application in the manner provided by the first paragraph of 35 U.S.C. 112, we acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

POWER OF ATTORNEY: As named inventors, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Ross Spencer Garsson, Reg. No. 38,150 Hugh R. Kress, Reg. No. 36,574 Robert C. Shaddox, Reg. No. 34,011 Henry L. Ehrlich, Reg. No. 39,663 Timothy M. Donoughue, Reg. No. 46,668 Reece A. Scott, Reg. No. 41,297 Edward T. Mickelson, Reg. No. 50,413

of the law firm of WINSTEAD SECHREST & MINICK P.C. Please direct all correspondence to:

Ross Spencer Garsson, Esq.
WINSTEAD SECHREST & MINICK P.C.
100 Congress Avenue, Suite 800
Austin, Texas 78701 USA

and direct all telephone calls to Ross Spencer Garsson, Esq. at 512-370-2870 and all facsimile communications to 512-370-2850.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

COLDEDT DenielT

RESIDENCE:	1911 Milford St., H	louston, TX 77098 USA	
INVENTOR'S SIGN	ATURE:	I	DATE:
FULL NAME OF FI	RSI INVENTOR.	COLDENT, Daniel 1.	

CITIZENSHIP: United States of America

FULL NAME OF SI	ECOND INVENTOR: DAI, Hongjie				
INVENTOR'S SIGN	IATURE:	DATE:			
RESIDENCE:	365 Pescadero Terrace, Sunnyvale, C	CA 94086 USA			
CITIZENSHIP:	United States of America				
POST OFFICE ADI	ORESS: (Same as Residence)				
FULL NAME OF T	HIRD INVENTOR: HAFNER, Jason	n H.			
INVENTOR'S SIGN	NATURE:	DATE:			
RESIDENCE:	373 Highland Ave. #203, Somerville,	Massachusetts 02144 USA			
CITIZENSHIP:	CITIZENSHIP: United States of America				
	DRESS: (Same as Residence)				
FULL NAME OF F	OURTH INVENTOR: RINZLER And	DATE: 6/19/03			
RESIDENCE:	1713 SW 186 th St., Newberry, Florida				
CITIZENSHIP:	United States of America				
POST OFFICE ADI	ORESS: (Same as Residence)				
FULL NAME OF F	IFTH INVENTOR: SMALLEY, Ric	chard E.			
INVENTOR'S SIGN	NATURE:	DATE:			
RESIDENCE:	1816 Bolsover St., Houston, TX 7708	1 USA			
CITIZENSHID	United States of America				

11321-P011 Series FULL NAME OF SIXTH INVENTOR: JIE LIU INVENTOR'S SIGNATURE:_____ DATE: RESIDENCE: 5825 Gulfton, Apartment 3214 Houston, Texas 77081 CITIZENSHIP: U.S.A. POST OFFICE ADDRESS: (Same as Residence) FULL NAME OF SEVENTH INVENTOR: KENNETH A. SMITH INVENTOR'S SIGNATURE:_____ DATE: RESIDENCE: 333 Dominion, Apartment 1334 Katy, Texas 77450 CITIZENSHIP: U.S.A. POST OFFICE ADDRESS: (Same as Residence) FULL NAME OF EIGHTH INVENTOR: TING GUO INVENTOR'S SIGNATURE: DATE: RESIDENCE: 2612 Calder Court Davis, California 95616 CITIZENSHIP: CHINA POST OFFICE ADDRESS: (Same as Residence) FULL NAME OF NINTH INVENTOR: PAVEL NIKOLAEV DATE: INVENTOR'S SIGNATURE: RESIDENCE: 2232 1/2 TROON Houston, Texas 77019 CITIZENSHIP: RUSSIA

Attorney Docket No.

FULL NAME OF TENTH INVENTOR: ANDREAS THESS

INVENTOR'S SIGNATURE:_____ DATE:____

RESIDENCE: Max-Planck-Institut Biochemie; Abteilung Molekulace,

Strukturbiologie am Klopferspitz 189, D-82152 Martinsried, Germany

CITIZENSHIP: GERMANY

POST OFFICE ADDRESS: (Same as Residence)

AUSTIN_1\208783\1 11321-P011WUC1 02/19/2003



AMENDED DECLARATION AND POWER OF ATTORNEY FOR U.S. NATIONAL PHASE PATENT APPLICATION **CLAIMING PRIORITY TO PCT APPLICATION** (37 CFR 1.63)

As below named inventors, we hereby declare that:

GROUP TAZOUS VED Our residence, post office address and citizenship are as stated below next to our names.

We believe that we are original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MACROSCOPICALLY MANIPULATE NANOSCALE DEVICES MADE FROM NANOTUBE ASSEMBLIES

the specification of which:

is attached hereto; or

 \boxtimes was filed on November 30, 2001 as a Continuation Application Number 10/000,746 (Attorney Docket No. 11321-P011WUC1) of U.S. National Phase of 09/242,040 and PCT Application Number PCT/US97/13896 which published as WO 98/05920 on February 12, 1998, corresponding to United States Provisional Patent Application No. 60/023,732, filed August 8, 1996.

The following divisionals of United States Patent Application Serial No. 10/000,746 have been filed (the "Divisional Patent Applications"):

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10/027,753	11321-P011C1D4	Divisional	December 21, 2001
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(-)		`		Yes	No
[ORIGINAL BASE/PRIORITY APPLICATION]					Ø

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Official Filing Date
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Henry L. Ehrlich, Reg. No. 39,663
Timothy M. Donoughue, Reg. No. 46,668
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FULL NAME OF F	FIRST INVENTOR:	COLBERT, Daniel T.
INVENTOR'S SIG	NATURE:	DATE:
RESIDENCE:	1911 Milford St., I	Houston, TX 77098 USA
CITIZENSHIP:	United States of A	merica

FULL NAME OF SECOND INVENTOR: DAI, Hongjie DATE: INVENTOR'S SIGNATURE: 365 Pescadero Terrace, Sunnyvale, CA 94086 USA RESIDENCE: **United States of America** CITIZENSHIP: POST OFFICE ADDRESS: (Same as Residence) FULL NAME OF THIRD INVENTOR: HAFNER, Jason H. INVENTOR'S SIGNATURE:_____ DATE: 373 Highland Ave. #203, Somerville, Massachusetts 02144 USA RESIDENCE: **United States of America** CITIZENSHIP: POST OFFICE ADDRESS: (Same as Residence) FULL NAME OF FOURTH INVENTOR: RINZLER, Andrew G. INVENTOR'S SIGNATURE:_____ DATE: 1713 SW 186th St., Newberry, Florida 32669 USA RESIDENCE: **United States of America** CITIZENSHIP: POST OFFICE ADDRESS: (Same as Residence) SMALLEY, Richard E. FULL NAME OF FIFTH INVENTOR: INVENTOR'S SIGNATURE: 1816 Bolsover St., Houston, TX 77081 USA RESIDENCE: CITIZENSHIP: **United States of America**

11321-P011 Ser	ies	
FULL NAME O	F SIXTH INVENTOR: JIE LIU	
NVENTOR'S S	IGNATURE:	DATE:
	5825 Gulfton, Apartment 3214 Houston, Texas 77081	
CITIZENSHIP:	U.S.A.	
POST OFFICE	ADDRESS: (Same as Residence)	
FULL NAME C	OF SEVENTH INVENTOR: KENNETH A. SMI	ТН
INVENTOR'S	SIGNATURE:	DATE:
RESIDENCE:	333 Dominion, Apartment 1334 Katy, Texas 77450	
CITIZENSHIP:	U.S.A.	
POST OFFICE	ADDRESS: (Same as Residence)	
FULL NAME (OF EIGHTH INVENTOR: TING GUO	
INVĖNTOR'S S	SIGNATURE:	DATE:
RESIDENCE:	2612 Calder Court Davis, California 95616	
CITIZENSHIP:	CHINA	
POST OFFICE	ADDRESS: (Same as Residence)	
FULL NAME (OF NINTH INVENTOR: PAVEL NIKOLAEV	
INVENTOR'S	SIGNATURE:	DATE:
RESIDENCE:	2232 ½ TROON Houston, Texas 77019	
CITIZENSHIP	RUSSIA	

Attorney Docket No.

FULL NAME OF TENTH INVENTOR: ANDREAS THESS

INVENTOR'S SIGNATURE:_____ DATE:____

RESIDENCE: Max-Planck-Institut Biochemie; Abteilung Molekulace,

Strukturbiologie am Klopferspitz 189, D-82152 Martinsried, Germany

CITIZENSHIP: GERMANY

POST OFFICE ADDRESS: (Same as Residence)

AUSTIN_1\208783\1 11321-P011WUC1 02/19/2003



AMENDED DECLARATION AND POWER OF ATTORNEY FOR U.S. NATIONAL PHASE PATENT APPLICATION CLAIMING PRIORITY TO PCT APPLICATION (37 CFR 1.63)

GROUP 1700

As below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe that we are original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MACROSCOPICALLY MANIPULATE NANOSCALE DEVICES MADE FROM NANOTUBE ASSEMBLIES

the specification of which:

- is attached hereto; or
- was filed on November 30, 2001 as a Continuation Application Number 10/000,746 (Attorney Docket No. 11321-P011WUC1) of U.S. National Phase of 09/242,040 and PCT Application Number PCT/US97/13896 which published as WO 98/05920 on February 12, 1998, corresponding to United States Provisional Patent Application Nor 60/023,732, filed August 8, 1996.

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10/027,671	11321-P011C1D2	Divisional	December 21, 2001
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10/027,753	11321-P011C1D4	Divisional	December 21, 2001
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10/027,750	11321-P011C1D7	Divisional	December 21, 2001
10/027,726	11321-P011C1D8	Divisional	December 21, 2001
10/027,628	11321-P011C1D9	Divisional	December 21, 2001
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		,		Yes	No
[ORIGINAL BASE/PRIORITY APPLICATION]			· 🗆		×

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Official Filing Date August 8, 1996

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FULL NAME OF FIR	RST INVENTOR:	COLBERT, Daniel T.
INVENTOR'S SIGNA	ATURE:	DATE:
RESIDENCE:	1911 Milford St., Houston, TX 77098 USA	
CITIZENSHIP:	United States of Ame	erica

FULL NAME OF SE	ECOND INVENTOR:	DAI, Hongjie
INVENTOR'S SIGN	ATURE:	DATE:
RESIDENCE:	365 Pescadero Terr	ace, Sunnyvale, CA 94086 USA
CITIZENSHIP:	United States of Am	erica
POST OFFICE ADDRESS: (Same as Residence)		
FULL NAME OF TH	HIRD INVENTOR:	HAFNER, Jason H.
INVENTOR'S SIGN	ATURE:	DATE:
RESIDENCE:	373 Highland Ave.	203, Somerville, Massachusetts 02144 USA
CITIZENSHIP:	United States of Am	erica
POST OFFICE ADD	RESS: (Same as Res	idence)
FULL NAME OF FO	OURTH INVENTOR:	RINZLER, Andrew G.
INVENTOR'S SIGN	ATURE:	DATE:
RESIDENCE:	1713 SW 186 th St., I	Newberry, Florida 32669 USA
CITIZENSHIP:	United States of Am	erica
POST OFFICE ADDRESS: (Same as Residence)		
FULL NAME OF FI	FTH INVENTOR:	SMALLEY, Richard E.
INVENTOR'S SIGN	ATURE:	DATE:
RESIDENCE:	1816 Bolsover St., H	louston, TX 77081 USA
CITIZENSHIP:	United States of Am	erica
POST OFFICE ADD	RESS: (Same as Res	idence)

11321-P011 Series FULL NAME OF SIXTH INVENTOR: JIE 1/1U INVENTOR'S SIGNATURE:_ Gulfton, Apartine 17,2214 502 Westminster Drive chapel Hill, North Groling 27514 RESIDENCE: CITIZENSHIP: U.S.A. POST OFFICE ADDRESS: (Same as Residence) FULL NAME OF SEVENTH INVENTOR: KENNETH A. SMITH INVENTOR'S SIGNATURE:____ DATE: RESIDENCE: 333 Dominion, Apartment 1334 Katy, Texas 77450 CITIZENSHIP: U.S.A. POST OFFICE ADDRESS: (Same as Residence) FULL NAME OF EIGHTH INVENTOR: TING GUO INVENTOR'S SIGNATURE: DATE: RESIDENCE: 2612 Calder Court Davis, California 95616 CITIZENSHIP: CHINA POST OFFICE ADDRESS: (Same as Residence) FULL NAME OF NINTH INVENTOR: PAVEL NIKOLAEV INVENTOR'S SIGNATURE:____ DATE: RESIDENCE: 2232 1/2 TROON Houston, Texas 77019 CITIZENSHIP: RUSSIA

Attorney Docket No.

FULL NAME OF TENTH INVENTOR: ANDREAS THESS

INVENTOR'S SIGNATURE: ____ DATE: ____

RESIDENCE: Max-Planck-Institut Biochemie; Abteilung Molekulace,

Strukturbiologie am Klopferspitz 189, D-82152 Martinsried, Germany

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AUSTIN_1\208783\1 11321-P011WUC1 02/19/2003

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<u>Application No.</u> 60/023,732

Official Filing Date August 8, 1996

We hereby claim the benefit for each of the Applications under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, We acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
PCT/US97/13896	8 August 1997	WO 98/05920

For each of the Divisional Patent Applications, we further claim the benefit under 35 U.S.C. 120 of United States Patent Application Serial No. 10/000,746, and, insofar as the subject matter of each of the claims of any of the Divisional Patent Application is not disclosed in the this prior United States application in the manner provided by the first paragraph of 35 U.S.C. 112, we acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

POWER OF ATTORNEY: As named inventors, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Ross Spencer Garsson, Reg. No. 38,150 Hugh R. Kress, Reg. No. 36,574 Robert C. Shaddox, Reg. No. 34,011 Henry L. Ehrlich, Reg. No. 39,663 Timothy M. Donoughue, Reg. No. 46,668 Reece A. Scott, Reg. No. 41,297 Edward T. Mickelson, Reg. No. 50,413

of the law firm of WINSTEAD SECHREST & MINICK P.C. Please direct all correspondence to:

Ross Spencer Garsson, Esq.
WINSTEAD SECHREST & MINICK P.C.
100 Congress Avenue, Suite 800
Austin, Texas 78701 USA

and direct all telephone calls to Ross Spencer Garsson, Esq. at 512-370-2870 and all facsimile communications to 512-370-2850.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF I	FIRST INVENTOR:	COLBERT, Da	niel T.	
INVENTOR'S SIG	NATURE:		DATE:	
RESIDENCE: 1911 Milford St., Houston, TX 77098 USA				
CITIZENSHIP:	United States of A	merica		

FULL NAME OF SECOND INVENTOR: DAI, Hongjie					
NVENTOR'S SIGNATURE: DATE:					
RESIDENCE:	365 Pescadero Terrace, Sunnyvale, CA 94086 USA				
CITIZENSHIP:	United States of An	nerica			
POST OFFICE ADD	RESS: (Same as Res	idence)			
FULL NAME OF THIRD INVENTOR: HAFNER, Jason H.					
INVENTOR'S SIGN	ATURE:		DATE:		
RESIDENCE:	373 Highland Ave.	#203, Somerville, Ma	ssachusetts 02144 USA		
CITIZENSHIP:	United States of An	nerica			
POST OFFICE ADD	RESS: (Same as Res	sidence)			
FULL NAME OF FO	OURTH INVENTOR	: RINZLER, Andrew	v G.		
INVENTOR'S SIGN	ATURE:		DATE:		
RESIDENCE:	1713 SW 186 th St.,	Newberry, Florida 32	669 USA		
CITIZENSHIP:	United States of An	nerica			
POST OFFICE ADD	RESS: (Same as Res	sidence)	1		
	•				
FULL NAME OF FIFTH INVENTOR: SMALLEY, Richard E.					
INVENTOR'S SIGNATURE: DATE:					
RESIDENCE:	1816 Bolsover St., 1	Houston, TX 77081 U	SA		
CITIZENSHIP:	United States of An	nerica			
POST OFFICE ADDRESS. (Same as Residence)					

1995年 (整体)によれる

11321-P011 Sei		
FULL NAME C	OF SIXTH INVENTOR: JIE LIU	
inventor's s	SIGNATURE:	DATE:
RESIDENCE:	5825 Gulfton, Apartment 3214 Houston, Texas 77081	
CITIZENSHIP:	U.S.A.	
POST OFFICE	ADDRESS: (Same as Residence)	
_	OF SEVENTH INVENTOR: KENNETH A. SMI	
INVENTOR'S S	SIGNATURE: Kenneth A. Sm. h	DATE: 2-21-03
RESIDENCE:	333 Dominion, Apartment 1334 Katy, Texas 77450	
CITIZENSHIP:	U.S.A.	
POST OFFICE	ADDRESS: (Same as Residence)	
FULL NAME (OF EIGHTH INVENTOR: TING GUO	
INVENTOR'S	SIGNATURE:	DATE:
RESIDENCE:	2612 Calder Court Davis, California 95616	
CITIZENSHIP:	CHINA	
POST OFFICE	ADDRESS: (Same as Residence)	
FULL NAME (OF NINTH INVENTOR: PAVEL NIKOLAEV	
INVENTOR'S	SIGNATURE:	DATE:
RESIDENCE:	2232 ½ TROON Houston, Texas 77019	
CITIZENSHIP	RUSSIA	

FULL NAME OF TENTH INVENTOR: ANDREAS THESS

INVENTOR'S SIGNATURE: ____ DATE: ____

RESIDENCE: Max-Planck-Institut Biochemie; Abteilung Molekulace,

Strukturbiologie am Klopferspitz 189, D-82152 Martinsried, Germany

CITIZENSHIP: GERMANY

POST OFFICE ADDRESS: (Same as Residence)

AUSTIN_1\208783\1 11321-P011WUC1 02/19/2003

AMENDED DECLARATION AND POWER OF ATTORNEY FOR U.S. NATIONAL PHASE PATENT APPLICATION CLAIMING PRIORITY TO PCT APPLICATION

(37 CFR 1.63)

As below named inventors, we hereby declare that:

GROUP 1700 Our residence, post office address and citizenship are as stated below next to our names.

We believe that we are original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MACROSCOPICALLY MANIPULATE NANOSCALE DEVICES MADE FROM NANOTUBE ASSEMBLIES

the specification of which:

is attached hereto; or

was filed on November 30, 2001 as a Continuation Application Number 10/000,746 (Attorney Docket No. 11321-P011WUC1) of U.S. National Phase of 09/242,040 and PCT Application Number PCT/US97/13896 which published as WO 98/05920 on February 12, 1998, corresponding to United States Provisional Patent Application No. 60/023,732, filed August 8, 1996.

The following divisionals of United States Patent Application Serial No. 10/000,746 have been filed (the "Divisional Patent Applications"):

ppl. Serial No.	Att. Docket No.	Continuity Type:	Filing Date:
0/028,231	11321-P011C1D1	Divisional	December 21, 2001 😅 😉
0/027,671	11321-P011C1D2	Divisional	December 21, 2001
0/038,204	11321-P011C1D3	Divisional	December 21, 2001 3
0/027,753	11321-P011C1D4	Divisional	December 21, 2001 =
10/036,684	11321-P011C1D5	Divisional	December 21, 2001
0/027,670	11321-P011C1D6	Divisional	December 21, 2001
0/027,750	11321-P011C1D7	Divisional	December 21, 2001
0/027,726	11321-P011C1D8	Divisional	December 21, 2001
0/027,720	11321-P011C1D9	Divisional	December 21, 2001
0/027,668	11321-P011CD10	Divisional	December 21, 2001
10/027,568	11321-P011CD11	Divisional	December 21, 2001

We further believe that we are original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the inventions of these Divisional Patent Applications.

Collectively, United States Patent Application Serial No. 10/000,746 and the Divisional Patent Applications are the "Applications".

We hereby state that we have reviewed and understand the contents of the above identified specifications for each of the Applications, including the claims. We hereby authorize our attorney, or his representative, to insert the Application Number, filing and amendment dates.

We acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR 1.56.

We hereby claim foreign priority benefits for each of the Applications under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Cop	
				Yes	No
[ORIGINAL BASE/PRIORITY APPLICATION]					×

We hereby claim the benefit for each of the Applications under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application No. 60/023,732

Official Filing Date August 8, 1996

We hereby claim the benefit for each of the Applications under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, We acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(MM/DD/YYYY)	(if applicable)
8 August 1997	WO 98/05920

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of the law firm of WINSTEAD SECHREST & MINICK P.C. Please direct all correspondence to:

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and direct all telephone calls to Ross Spencer Garsson, Esq. at 512-370-2870 and all facsimile communications to 512-370-2850.

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F	ULL NAME OF FIRST INVENTOR:	COLBERT, Daniel T.			
C	NVENTOR'S SIGNATURE:	DATE:			
F	ESIDENCE: 1911 Milford St.	, Houston, TX 77098 USA			
(ITIZENSHIP: United States of	America			
F	OST OFFICE ADDRESS: (Same as Residence)				

	torney Docket No. 321-P011 Series				
न्।	LL NAME OF SE	COND INVENTOR:	DAI, Hongjie		
[N	VENTOR'S SIGNA	ATURE:	DATE:		
			ce, Sunnyvale, CA 94086 USA		
C)	TIZENSHIP:	United States of Am	erica		
P	DST OFFICE ADD	RESS: (Same as Resi	dence)		
F	ILL NAME OF TI	TIRD INVENTOR:	HAFNER, Jason H.		
R	VENTOR'S SIGN	ATURE:	DATE:		
			#203, Somerville, Massachusetts 02144 USA		
		United States of An			
F	OST OFFICE ADI	ORESS: (Same as Res	idence)		
F	FULL NAME OF FOURTH INVENTOR: RINZLER, Andrew G.				
1	IVENTOR'S SIGI	NATURE:	DATE:		
	RESIDENCE:	= ath ou	Newberry, Florida 32669 USA		
(OTTIZENSHIP:	United States of A	merica		
	POST OFFICE AD	DRESS: (Same as Re	sidence)		
	FULL NAME OF I	FIFTH INVENTOR:	SMALLEY, Richard E.		
	INVENTOR'S SIG	NATURE:	DATE:		
	RESIDENCE:	1816 Bolsover St.,	Houston, TX 77081 USA		
	CITIZENSHIP:	United States of A	merica		
	TOCT OFFICE AT	DDRESS: (Same as R	esidence)		

	orney Docke 21-P011 Ser		
FUI	LL NAME O	F SIXTH INVENTOR: JUE LIU	
INV	ENTOR'S S	IGNATURE:	DATE:
RES	SIDENCE:	5825 Gulfton, Apartment 3214 Houston, Texas 77081	
СП	TIZENSHIP:	U.S.A.	
PO	ST OFFICE	ADDRESS: (Same as Residence)	
FU	LL NAME (OF SEVENTH INVENTOR: KENNETH A. SMI	ТН
I	VENTOR'S	SIGNATURE:	DATE:
RE	SIDENCE:	333 Dominion, Apartment 1334 Katy, Texas 77450	
Çľ	TIZENSHIP	: U.S.A.	
PC	ST OFFICE	ADDRESS: (Same as Residence)	
F	ILL NAME	OF EIGHTH INVENTOR: TING GUO	DATE: 4/1/03
IIN	IVENTOR'S	SIGNATURE:	DATE: 417/03
RI	ESIDENCE:	2612 Calder Court Davis, California 95616	
Ġ.	ITIZENSHI	P: CHINA	
H	OST OFFICI	E ADDRESS: (Same as Residence)	
F	ULL NAME	OF NINTH INVENTOR: PAVEL NIKOLAEV	
Ţ	NVENTORS	S SIGNATURE:	DATE:
R	ESIDENCE	2232 ½ TROON Houston, Texas 77019	
•	CTIZENSHI	P: RUSSIA	
F	OST OFFIC	E ADDRESS: (Same as Residence)	

FULL NAME OF TENTH INVENTOR: ANDREAS THESS

INVENTOR'S SIGNATURE: ______ DATE:_____

RESIDENCE: Max-Planck-Institut Biochemie; Abteilung Molekulace,

Strukturbiologie am Klopferspitz 189, D-82152 Martinsried, Germany

CITIZENSHIP: GERMANY

POST OFFICE ADDRESS: (Same as Residence)

AUSTIN_1\208783\1 1\321-P011WUC1 02/19/2003



AMENDED DECLARATION AND POWER OF ATTORNEY FOR U.S. NATIONAL PHASE PATENT APPLICATION CLAIMING PRIORITY TO PCT APPLICATION (37 CFR 1.63)

GROUP 17003

As below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe that we are original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MACROSCOPICALLY MANIPULATE NANOSCALE DEVICES MADE FROM NANOTUBE ASSEMBLIES

the specification of which:

- ☐ is attached hereto; or
- was filed on November 30, 2001 as a Continuation Application Number 10/000,746 (Attorney Docket No. 11321-P011WUC1) of U.S. National Phase of 09/242,040 and PCT Application Number PCT/US97/13896 which published as WO 98/05920 on February 12, 1998, corresponding to United States Provisional Patent Application November 60/023,732, filed August 8, 1996.

The following divisionals of United States Patent Application Serial No. 10/000,746 have been filed (the "Divisional Patent Applications"):

Appl. Serial No.	Att. Docket No.	Continuity Type:	Filing Date:
10/028,231	11321-P011C1D1	Divisional	December 21, 2001
10/027,671	11321-P011C1D2	Divisional	December 21, 2001
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10/027,753	11321-P011C1D4	Divisional	December 21, 2001
10/036,684	11321-P011C1D5	Divisional	December 21, 2001
10/027,670	11321-P011C1D6	Divisional	December 21, 2001
10/027,750	11321-P011C1D7	Divisional	December 21, 2001
10/027,726	11321-P011C1D8	Divisional	December 21, 2001
10/027,628	11321-P011C1D9	Divisional	December 21, 2001
10/027,668	11321-P011CD10	Divisional	December 21, 2001
10/027,568	11321-P011CD11	Divisional	December 21, 2001

We further believe that we are original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the inventions of these Divisional Patent Applications.

DECENTED.

Collectively, United States Patent Application Serial No. 10/000,746 and the Divisional Patent Applications are the "Applications".

We hereby state that we have reviewed and understand the contents of the above identified specifications for each of the Applications, including the claims. We hereby authorize our attorney, or his representative, to insert the Application Number, filing and amendment dates.

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We hereby claim foreign priority benefits for each of the Applications under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
(c)	•	` '		Yes	No
[ORIGINAL BASE/PRIORITY APPLICATION]	ì				×

We hereby claim the benefit for each of the Applications under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application No. 60/023,732

Official Filing Date
August 8, 1996

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U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
PCT/US97/13896	8 August 1997	WO 98/05920

For each of the Divisional Patent Applications, we further claim the benefit under 35 U.S.C. 120 of United States Patent Application Serial No. 10/000,746, and, insofar as the subject matter of each of the claims of any of the Divisional Patent Application is not disclosed in the this prior United States application in the manner provided by the first paragraph of 35 U.S.C. 112, we acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

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Hugh R. Kress, Reg. No. 36,574
Robert C. Shaddox, Reg. No. 34,011
Henry L. Ehrlich, Reg. No. 39,663
Timothy M. Donoughue, Reg. No. 46,668
Reece A. Scott, Reg. No. 41,297
Edward T. Mickelson, Reg. No. 50,413

of the law firm of WINSTEAD SECHREST & MINICK P.C. Please direct all correspondence to:

Ross Spencer Garsson, Esq.
WINSTEAD SECHREST & MINICK P.C.
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and direct all telephone calls to Ross Spencer Garsson, Esq. at 512-370-2870 and all facsimile communications to 512-370-2850.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF	FIRST INVENTOR:	COLBERT, Daniel T.	
INVENTOR'S SIG	NATURE:	DA	TE:
RESIDENCE:	1911 Milford St., I	Houston, TX 77098 USA	

POST OFFICE ADDRESS: (Same as Residence)

United States of America

CITIZENSHIP:

FULL NAME OF S	ECOND INVENTOR:	DAI, Hongjie	
INVENTOR'S SIGN	NATURE:	·	DATE:
RESIDENCE:	365 Pescadero Terr	race, Sunnyvale, CA 9	4086 USA
CITIZENSHIP:	United States of Ar	nerica	
POST OFFICE ADI	ORESS: (Same as Res	sidence)	
	· · · · · · · · · · · · · · · · · · ·		
FULL NAME OF T	HIRD INVENTOR:	HAFNER, Jason H.	· · · · · · · · · · · · · · · · · · ·
INVENTOR'S SIGN	NATURE:	#.	DATE:
RESIDENCE:	373 Highland Ave.	#203, Somerville, Mas	ssachusetts 02144 USA
CITIZENSHIP:	United States of Ar	nerica	: :
POST OFFICE ADI	DRESS: (Same as Re	sidence)	
FULL NAME OF F	OURTH INVENTOR	: RINZLER, Andrew	G.
INVENTOR'S SIGN	NATURE:		DATE:
RESIDENCE:	1713 SW 186 th St.,	Newberry, Florida 32	669 USA
CITIZENSHIP:	United States of Ar	nerica	
POST OFFICE ADI	DRESS: (Same as Re	sidence)	•
FULL NAME OF F	IFTH INVENTOR:	SMALLEY, Richar	d E.
INVENTOR'S SIGN	NATURE:		DATE:
RESIDENCE:	1816 Bolsover St.,	Houston, TX 77081 U	SA
CITIZENSHIP:	United States of A	nerica	
POST OFFICE ADI	DDFSS. (Sama as Ra	sidence)	

Attorney Docket N 11321-P011 Series				
FULL NAME OF S	SIXTH INVENTOR: JIE LIU			
INVENTOR'S SIG	NATURE:	DATE:		
	225 Gulfton, Apartment 3214 ouston, Texas 77081			
CITIZENSHIP: U.	S.A.		**	
POST OFFICE AD	DDRESS: (Same as Residence)	a. i	: £	
FULL NAME OF S	SEVENTH INVENTOR: KENNETH A. SM	МІТН	÷ .	5.7
INVENTOR'S SIG	NATURE:	DATE:	F .	7.3
	33 Dominion, Apartment 1334 aty, Texas 77450			
CITIZENSHIP: U.	.S.A.			
POST OFFICE AD	DDRESS: (Same as Residence)		. :	:
FULL NAME OF 1	EIGHTH INVENTOR: TING GUO			
INVENTOR'S SIG	NATURE:	DATE:		
RESIDENCE: 26	512 Calder Court avis, California 95616		·	ŧ
CITIZENSHIP: CI	HINA		. •	
POST OFFICE AD	DDRESS: (Same as Residence)	·	·	÷
FULL NAME OF 1	NINTH INVENTOR: PAVEL NIKOLAEV	7 .		
INVENTOR'S SIG		DATE: 2.2		. ?
	ouston, Texas 77019 Houston, T	g #9 X 77006	N9	
CITIZENSHIP: R				

FULL NAME OF TENTH INVENTOR: ANDREAS TH	IESS	
INVENTOR'S SIGNATURE:	DATE:	
PESIDENCE: Max-Planck-Institut Riochemie: Ahteil	lung Molekulace.	

Strukturbiologie am Klopferspitz 189, D-82152 Martinsried, Germany

CITIZENSHIP: GERMANY

POST OFFICE ADDRESS: (Same as Residence)

AUSTIN_1\208783\1 11321-P011WUC1 02/19/2003



AMENDED DECLARATION AND POWER OF ATTORNEY FOR U.S. NATIONAL PHASE PATENT APPLICATION CLAIMING PRIORITY TO PCT APPLICATION (37 CFR 1.63)

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MACROSCOPICALLY MANIPULATE NANOSCALE DEVICES MADE FROM NANOTUBE ASSEMBLIES

the sp	ecific	ation	of w	hich:
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	is	attached	hereto;	or
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was filed on November 30, 2001 as a Continuation Application Number 40/000,746 (Attorney Docket No. 11321-P011WUC1) of U.S. National Phase of 09/242,040 and PCT Application Number PCT/US97/13896 which published as WO 98/059202 on February 12, 1998, corresponding to United States Provisional Patent Application No. 60/023,732, filed August 8, 1996.

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Co	py Attached?
",				Yes	No .
[ORIGINAL BASE/PRIORITY APPLICATION]					×
·					

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Application No.	Official Filing Date
60/023,732	August 8, 1996

We hereby claim the benefit for each of the Applications under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, We acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
PCT/US97/13896	8 August 1997	WO 98/05920

For each of the Divisional Patent Applications, we further claim the benefit under 35 U.S.C. 120 of United States Patent Application Serial No. 10/000,746, and, insofar as the subject matter of each of the claims of any of the Divisional Patent Application is not disclosed in the this prior United States application in the manner provided by the first paragraph of 35 U.S.C. 112, we acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

POWER OF ATTORNEY: As named inventors, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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